

DERWENT-ACC-NO: 1990-241559

DERWENT-WEEK: 199032

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TITLE: Cold-heat material for medical use composed of water-contg. agent having sodium sulphate decahydrate etc., heat adsorbent e.g. ammonium nitrate etc.

INVENTOR: MIZOGUCHI K; YABE T

PATENT-ASSIGNEE: SANKEN SETSUBI KOGY[SANKN]

PRIORITY-DATA: 1988JP-321155 (December 20, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
JP <b><u>02166375</u></b> A	June 27, 1990	JA

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 02166375A	N/A	1988JP-321155	December 20, 1988

INT-CL-CURRENT:

TYPE IPC DATE  
CIPP F25D5/00 20060101

ABSTRACTED-PUB-NO: JP **02166375** A

BASIC-ABSTRACT:

Cold-heat material is composed of a water-contg. agent having crystallisation water, such as sodium sulphate decahydrate, sodium carbonate decahydrate, etc., and a heat absorbent to cause endothermic reaction when mixed with the

water-contg. agent, such as ammonium nitrate, sodium nitrate, etc.

Pref. 50 pts. wt. water-contg. agent is mixed with 25 pts. wt. heat absorbent, where the water-contg. agent is mixed in divided small amts. with the heat absorbent at an interval of time.

USE/ADVANTAGE - The cold-heat material to be used as a cold heat source for leisure or medical field, etc., can effectively give and keep cold heat or low-temps. for long periods. @ (4pp Dwg.No.0/2)

TITLE-TERMS: COLD HEAT MATERIAL MEDICAL COMPOSE WATER CONTAIN  
AGENT SODIUM  
SULPHATE DECA HYDRATE ADSORB AMMONIUM NITRATE

DERWENT-CLASS: D22 G04 Q75

CPI-CODES: D09-A01A; D09-A02; G04-B01;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1287U; 1744U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1990-104381

Non-CPI Secondary Accession Numbers: 1990-187391